arcequine

# User Manual

## Contents


| | |
|---|---|
| Important Information | 1 |
| Introduction | 2 |
| Contents of your Kit | 3 |
| Instructions - How to charge your Delivery Unit | 8 |
| Instructions - How to set up your Kit | 9 |
| General Treatment Protocol | 12 |
| Maintenance Programme | 13 |
| Troubleshooting | 15 |
| How to Find Us | 17 |

# IMPORTANT INFORMATION

- Use of ArcEquine is in addition to, and in no way a substitute for, your existing veterinary policy and practice.
- The use of microcurrent technology can cause some dehydration. Please ensure there is plenty of clean and fresh water available at all times.
- Microcurrent technology acts systemically at a cellular level, so it doesn't matter where on the body the current is introduced, it always goes to wherever it's required.
- Do NOT over tighten the leg strap.
- Rotate the strap around the legs each day
- Do not use daily for more than 6 consecutive weeks

## INTRODUCTION

ArcEquine has been specifically developed for use with horses. The sequences of currents are not necessarily the optimum currents for human use, nor is this use intended or recommended.

We are aware that an increasing number of ArcEquine owners are now using the unit on themselves with some apparent success and in a number of differing clinical areas. This use is entirely their decision and at their discretion.

## DISCLAIMER

This device is only for use specifically as directed on horses. Applied Microcurrent Technology (Equine) Limited, it's distributors, employees, agents or directors cannot take any responsibility for any use of this product other than as specifically directed, or on any other animal or human.

## THE CONTENTS OF YOUR ARCEQUINE CASE

- 1 x Carbon Rubber Leg Strap
- 1x  Leg Strap with Press Studs
- 1 x Carbon Rubber ArcPads (Pack of 4)
- 1 x Delivery Unit
- 1 x Control Unit
- AC Charger (plug)
- USB Cable
- Leather Pouch
- 2 x Conductive Gel (250ml bottle)

The conductive gel has been specially formulated for use with ArcEquine. The contents comply with all Equine and Veterinary regulations and requirements.

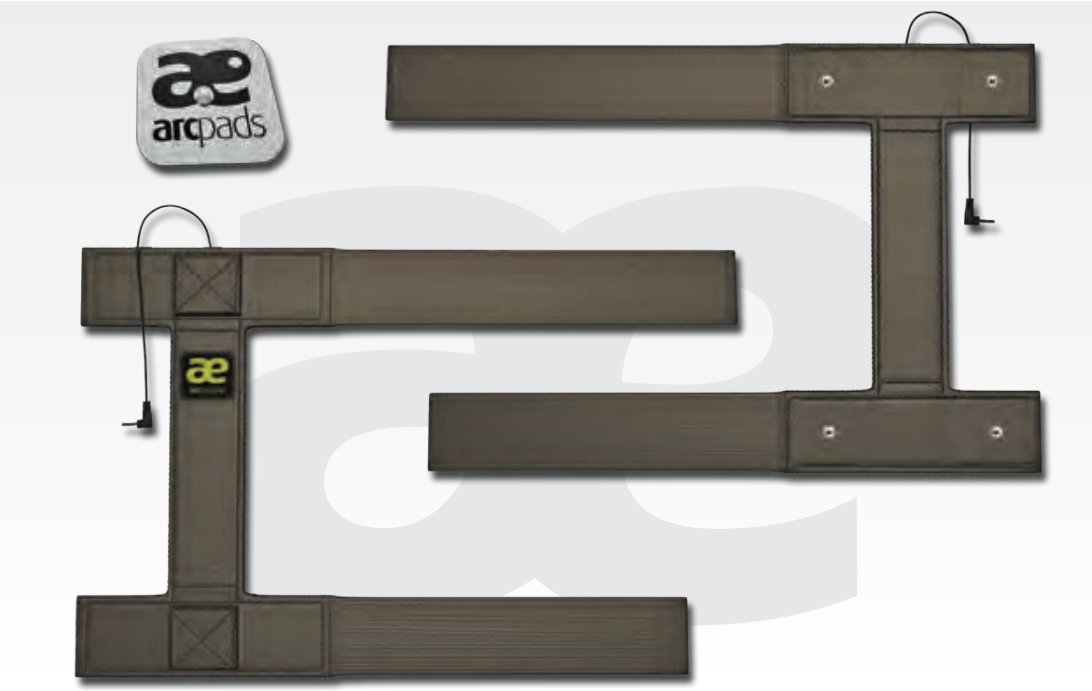
Please Note: The Carbon Rubber ArcPads are not adhesive. The adhesive ArcPads are **not** for general equine use.

# LEG STRAPS
(Carbon Rubber)

Delivery of the current will always be via a leg strap. There are two types of leg strap included in your kit. The carbon rubber leg strap is the original strap. This strap has the carbon rubber pads sewn in with the electrodes behind the pads. This must be used in conjunction with the conductive gel provided.

Care Instructions: Wipe pads clean after every use with warm water. Make sure there isn't a build up of dirt around the electrode.

# LEG STRAPS
(Press Stud)




The leg strap with press studs are used with the black carbon rubber ArcPads provided. The press studs act as the electrical feed and return necessary to establish a circuit. This strap is also used in conjunction with the conductive gel provided.

Care Instructions: Ensure carbon rubber pads are wiped clean after every use with warm water.

# DELIVERY UNIT

Your delivery unit will be delivered to you uncharged. Charge by use of the AC Plug and USB cable provided.

Each time you turn on your unit, all lights will show **GREEN** then **RED**. The unit is ready to program when LED #1 shows **GREEN** and LED #3 shows **RED**.

If LED #1 shows **RED**, your unit needs to be charged before you can start using it. Ensure your unit is turned **ON** when charging.

A fully charged battery will last for 42hrs before needing to be charged again.

# CONTROL UNIT

The unit has 4 preset programs, as indicated by the buttons 1-4. All programs are set in 45 minute periods. You should select 4 periods for each 3 hour delivery session.

Programmes 1 & 2 were designed to get rid of swelling, bruising and inflammation quickly. They also enable total rebalancing.
The main clinical areas of application are:

- Swelling, bruising and inflammation
- All pain
- Any hormonal imbalance
- Any immune/auto-immune deficiency
- Boost the immune system
- Rapidly disperse lactic acid
- Full range of psychological disorders

Programmes 3 & 4 are totally different to programmes 1 & 2. They are delivered in slightly different ways to each other and have been designed to:

- Kick start and accelerate regenerative repair, enabling total closure in a fraction of the normal time with little, or often no, scar tissue
- Enable pre-existing scar tissue, both internal and external no matter how chronic, to be replaced by original tissue.

## INSTRUCTIONS
## How to charge your Delivery Unit

1. Connect the USB cable to the plug charger.

2. Gently push the cable into the charger port at the bottom of the delivery unit. Ensure it is fully in, but **do not wiggle the cable.**

3. Switch the delivery unit **ON.** All lights should turn **GREEN** then **RED** followed by LED #2 and #3 **RED**. After 30 seconds the LEDs will flash.
If LED #1 is lit, check the troubleshooting guide at the back of this manual.

4. Leave for two hours to charge. A full charge is indicated by LED #2 turning **GREEN**.

5. Ensure you remove the cable by pulling it directly out of the delivery unit. **Do not wiggle the cable**.

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# INSTRUCTIONS
## How to set up the Arc

1. Turn on Delivery Unit and ensure LED #1 shows **GREEN** and LED #3 shows **RED**.
If LED #1 shows **RED**, you need to charge your unit (please see p.9).

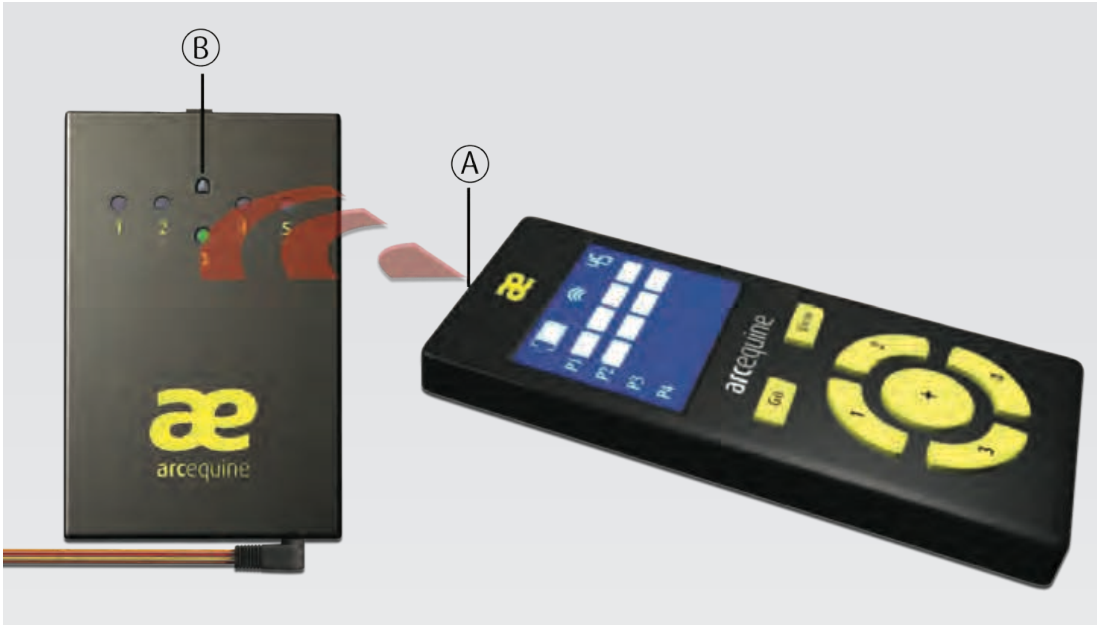
2. Turn on your Control Unit and press the preset program number you wish to use once, followed by the '+' button for each 45 minute period you wish to add.

> eg. For a 3 hour session of programs 1 and 2, you would press "1 + + 2 + +"

3. If using the leg strap with press studs, affix the carbon rubber pads.

4. Squeeze the gel onto each carbon rubber pad.
You want a blob that's approximately the size of a pea.

5. Attach the delivery unit to the strap using the Jack Plug. Turn your delivery unit on and activate it using the control unit.
Point A at B (see image below) and press GO.




7. LED #3 should now show **GREEN**.
Please note LED #4 & #5 will show **RED** until connected to the strap and horse.

8. Attach the strap to the leg, this is usually placed on the canon bone.
The AE logo should be sitting upright and the spine of the strap should be to the front *or* rear of the leg.
Ensure LED #4 and #5 now show **GREEN**. If either or both lights still show **RED** please refer to the troubleshooting guide at the back of this manual.
**Ensure the straps are not too tight**. You should be able to fit your finger between the leg strap and the leg.

9. Place the delivery unit in the pouch and cover with a stable bandage or similar.

## General Treatment Protocol
## FOR INJURIES

| | |
|---|---|
| Phase 1 | 1 WEEK or until no longer lame (whichever is longest)<br>1++ 2++<br>Daily<br>Enable total rebalance, manage pain and reduce swelling |
| Phase 2 | 2 WEEKS<br>1++ 3++<br>Daily<br>Starting program 3 will kick start and accelerate the regenerative repair |
| Phase 3 | 2 WEEKS<br>1+ 3++ 4+<br>Daily |
| Phase 4 | 1 week off |

With the use of ArcEquine you can get a very good result in a fraction of the time it would normally take to heal.
This is entirely dependent on two factors, both your responsibility.

## COMPLIANCE AND PATIENCE

## General Treatment Protocol
## FOR BEHAVIOURAL ISSUES OR PAIN RELIEF

| | |
|---|---|
| Phase 1 | 6 WEEKS<br>1++ 2++<br>Daily<br>Enable total rebalance, manage pain and reduce swelling |
| Phase 2 | 1 week off |

## Maintenance Programme
## NO INJURY

| | |
|---|---|
| Phase 1 | 3 WEEKS<br>1++ 3++<br>Daily |
| Phase 2 | 2 MONTHS<br>1++ 3++<br>Every SECOND week |
| Phase 3 | 2 MONTHS<br>1++ 3++<br>Every FOURTH week |
| Phase 4 | ONGOING<br>1++ 3++<br>Every FOURTH weekend |

## MAINTENANCE PROGRAMME
## FOR COMPETITIONS

Can be used in conjunction with the Maintenance Programme (p. )

2-3 days prior to competition and when travelling
**1++ 2++**
This will keep the horse calm and boost its immune system.

In 3 day events where Show Jumping follows Cross Country
**1++ 2++** as much as possible
This will clear any lactic acid build up

While travelling home/at home
**1++ 3++**
This will help calm the horse, clear lactic acid and repair any tissue micro tears that will have occurred

# TROUBLESHOOTING

**LED #4 or #5 is flashing RED when the strap is on the horse.**
Make sure the jack plug is in properly, twist it 180 degrees when in the unit to dislodge any dust/hair that may be trapped inside. If that doesn't work, try putting more gel directly onto the horses leg and rub it in to ensure skin contact.
For shorter horses or ponies, try placing the bottom strap below the fetlock.
If you are still having trouble getting a connection, you can test the strap at home by attaching and activating the delivery unit. Touch all four electrodes using your forefingers and thumbs. LEDs #4 and #5 should now turn **GREEN**. If not, please contact our office on enquiries@arcequine.com.

**LED #1 is lit when charging.**
This means there is a loose connection somewhere and the unit is not charging. Contact our office on enquiries@arcequine.com for more advice.

**The delivery unit isn't reading the control unit.**
Ensure you are pointing the control unit directly at the eye of the delivery unit. If the problem persists, contact our office on enquiries@arcequine.com.

## LED INDICATION

| | | |
|---|---|---|
| 1 | **RED**<br>**GREEN** | Charging Required<br>Charged |
| 2 | **RED**<br>**AMBER**<br>**GREEN** | Charging<br>Almost Charged<br>Fully Charged |
| 3 | **RED**<br>**GREEN** | Unit On<br>Unit Activated |
| 4 | **RED**<br>**GREEN** | Electrodes not connected<br>Electrodes connected |
| 5 | **RED**<br><br>**GREEN** | Electrodes not connected<br>Electrodes connected |
| NO LEDS SHOWING | | Delivery Unit OFF |
| ALL | **RED**<br>then<br>**GREEN** | Delivery Unit Turned ON |

# HOW TO FIND US

There is a full list of FAQs and other information on our website,
www.arcequine.com

Find us on Facebook for for regular updates and case studies,
www.facebook.com/arcequine

Follow us on Twitter for snippets of news!
www.twitter.com/arcequine

You can even subscribe to our Blog to find out the latest developments, treatment programmes for specific injuries and more tips on how to use your Arc,
www.arcequinesays.blogspot.com

Or you can improve your networking and follow our Company page on LinkedIn to find like-minded people and branch out into the Equestrian world! Just search for “ArcEquine” in the search bar at the top!

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